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MONTANA OIL AND GAS STATISTICAL BULLETIN

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THE OIL AND GAS CONSERVATION COMMISSION

VOLUME III. No. 8 McKEE PRINT. August, 1955

Production of crude oil and condensate from the oil and gas areas of Montana for the month of August, 1955, averaged 42,036 barrels daily, an increase of 882 barrels from the average July production of 41,154.

The nine refineries in the State processed 68,450 barrels of crude oil daily for the month of August, an increase of 8,186 barrels daily from the 60,264 barrels processed daily during the month of July.

During August, 47 wells were completed, 18 oil, 4 gas wells and 25 dry holes.

During August, the Commission issued 51 permits to drill new wells, which was the same number of permits as issued in July.

SUMMARY OF CRUDE OIL PRODUCTION REFINING, STORAGE, ETC., IN MONTANA

MONTH OF AUGUST, 1955

	Barrels
IN STORAGE AUGUST 1st:	
By Producers	293,584
By Transporters	323,725
By Refiners	525,964
TOTAL STORAGE	1,143,273
Produced in Montana During Month	1,303,102
Imported During Month	1,094,286
TOTALS	3,540,661
DISPOSITION:	
Refined in Montana	2,121,599
Exported	411,229
Used for Fuel or Lost	14,445
TOTALS	2,547,273
IN STORAGE AUGUST 31st:	
By Producers	263,307
By Transporters	268,640
By Refiners	461,441
TOTAL STORAGE	993,388

NATURAL GAS WITHDRAWALS IN MONTANA

Month of August, 1955

Field	M Cu. Ft.
Bears Den	3,578
Bowdoin	114,052
Bowes	20,031
Box Elder	13,262
Cedar Creek	221,582
Cut Bank (Includes Reagan)	418,926
Devon	44,946
Dry Creek	87,996
East Poplar	3,462
Elk Basin	41,003
Golden Dome	34,521
Hardin	2,499
Keith Block	4,296
Kevin-Sunburst	35,376
Utopia	26,692
Whitlash Area	27,410
Miscellaneous	18,107
TOTAL	1,117,739

Total withdrawals for August, 1954 were 1,367,543 M Cu. Ft.

PRODUCERS REPORT
Month of August, 1955

Leases Operated	Field	No. of Wells	Storage First of Month	Oil Produced	Oil Shipped by Pipeline	Oil Shipped by Truck	Used or Lost	Storage End of Month
1	Ash Creek	4	982	3,999		4,352		629
....	Bannatyne	....	226					226
13	Big Wall	27	4,139	32,404		31,306		5,237
4	Border	8		1,086		1,086		
10	Bowes	74	3,950	38,675	38,572			4,053
3	Brady-Midway	3	141	389		382		148
1	Bredette	1	740	4,340		3,442	20	1,618
2	Brorson (Sidney Area)	3	2,442	5,769	4,490		867	2,854
1	Cabin Creek	15	3,298	47,201	45,067		650	4,782
29	Cat Creek	86	5,506	14,884	15,909			4,481
1	Clark's Fork	1	471	798		882		387
335	Cut Bank	1,100	123,951	221,263	231,418		41	113,755
3	Deer Creek	5	2,826	16,646	17,595			1,877
1	Devil's Basin	2	701	415		334	25	757
6	Dry Creek	7	2,199	19,055	19,950			1,304
20	Elk Basin	58	12,590	151,909	157,207			7,292
3	Fertile Prairie	4	1,249	3,753		3,432		1,570
2	Frannie	2	323	1,177	994			506
1	Gage	1	642	221		368		495
1	Gas City	1	525	5,271	4,610			1,186
5	Glendive	12	7,072	49,258	53,094			3,236
1	Golden Dome	1	316	262				578
1	Hardin Area	3	1,171	3,108		2,820	9	1,450
1	Ivanhoe Dome	2	930	2,546		2,485		991
223	Kevin-Sunburst	1,481	17,553	101,353	102,489		19	16,398
1	Lake Basin	1	1,830	70				1,900
1	Little Beaver	4	2,164	5,316		5,039		2,441
2	East Little Beaver	2	1,972	1,558		452		3,078
3	Melstone	5	2,036	6,021		6,855		1,202
3	Mosser	5		828		828		
1	Pennel	1		3,304		2,084		1,220
2	Pine Unit Area	28	9,446	83,741	82,577		1,452	9,158
76	Pondera	310	17,127	51,493	61,562			7,058
57	Poplar Area	60	29,109	225,198	181,781	48,427		24,099
4	Northwest Poplar	5	912	3,364		2,629		1,647
2	Ragged Point	3	1,328	1,545		1,863		1,010
1	Rattlesnake Butte	1	103	105				208
2	Reagan	40	3,442	19,059	19,339			3,162
5	Richey	8	4,747	17,232		18,228	30	3,721
5	Soap Creek	12	2,205	10,325		10,616	2	1,912
1	Southwest Richey	3	1,546	9,282		8,911		1,917
17	Sumatra	53	15,555	123,589		123,337	208	15,599
2	Sweetgrass Hills	2	619	380		170		829
9	Whitlash	23	4,029	12,047	11,150			4,926
....	Wibaux Area	....	884			423	37	424
1	Wolf Springs	1		1,081				1,081
1	Woodrow	1	173	985	1,037			121
1	Yellowstone	1	414	797		427		784
865		3,470	293,584	1,303,102	1,048,841	281,178	3,360	263,307

Total Oil Produced and Shipped from Leases	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1954	14,195,447	38,892	14,095,481	38,618
First Quarter, 1955	3,984,702	44,274	3,964,504	44,050
Second Quarter, 1955	3,957,911	43,493	3,943,402	43,334
July, 1955	1,275,764	41,154	1,237,495	39,919
August, 1955	1,303,102	42,036	1,330,019	42,904

Oil in Storage	In Producers Field Tanks	In Transporters Storage	In Refiners Storage*	Total Oil in Storage*
December 31, 1954	268,121	418,111	656,194	1,342,426
March 31, 1955	259,079	428,250	541,857	1,229,186
June 30, 1955	260,808	338,382	489,011	1,088,201
July 31, 1955	293,584	323,725	525,964	1,143,273
August 31, 1955	263,307	268,640	461,441	993,388

*Includes Wyoming Oil

TRANSPORTER'S REPORT
Month of August, 1955

	Storage First of Month	OIL RECEIVED BY			Loss or Gain	OIL SHIPPED TO			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carriers	
ASH CREEK									
Trucks			4,352				4,352		
BIG WALL									
Trucks	1,555		31,306			13,293	18,499		1,069
BORDER									
Trucks			1,086			1,086			
BOWES									
Northern Pump Co.	1,826	8,812			173		9,589		876
The Texas Company	766	29,760				24,020	6,441		65
	2,592	38,572			173	24,020	16,030		941
BRADY-MIDWAY									
Trucks			332			382			
BREDETTE									
Trucks			3,442				3,442		
BRORSON									
Sun Oil Company		4,490					4,490		
CABIN CREEK, GAS CITY & PINE									
Shell Pipe Line Corp.	25,728	132,254				84,960	47,185		25,837
CAT CREEK									
Continental Oil Co.	4,615	11,370			77	11,968			3,940
Wm. Hanlon		4,539				4,539			
	4,615	15,909			77	16,507			3,940
CLARK'S FORK									
Trucks			882				882		
CUT BANK									
Darling Gathering Sys., Inc.	5,492	28,565				29,680			4,367
Phillips Petroleum Co.	22,931	50,121			1,284	21,712		41,514	8,542
The Texas Pipe Line Co.	101,036	46,311		54,999	1,093	117,469		10,845	72,939
Toronto Pipe Line Co.	25,320	66,510			78			57,163	34,589
Union Oil Co.	56,520	40,254		54,523	1,596	106,654			43,047
	211,289	231,761		109,522	4,051	275,515		109,522	163,484
DEVILS BASIN									
Trucks			334				334		
DRY CREEK									
Ohio Oil Co.	9,148	19,951			(35)	17,640			11,494
ELK BASIN									
Ohio Oil Co.		157,207				112,182	45,025		
FERTILE PRAIRIE									
Trucks			3,432				3,432		
FRANNIE									
Ohio Oil Co.		994					994		
GAGE									
Trucks			368			368			
GLENDIVE AREA									
The Texas Pipe Line Co.	3,707	71,094			(106)	55,784	14,602		4,521
HARDIN AREA									
Trucks			2,820				2,820		
IVANHOE DOME									
Trucks			2,485			2,485			
KEVIN-SUNBURST									
Big West Oil Co.	3,266	43,638				44,968			1,936
Homestake Oil & Gas Co.	105	3,850				3,445			510
The Texas Pipe Line Co.	11,463	53,394		1,578	191	57,224			9,020
Anna Aronow	279	1,396						1,578	97
	15,113	102,278		1,578	191	105,637		1,578	11,563
LITTLE BEAVER									
Shell Oil Co.			5,039				5,039		
EAST LITTLE BEAVER									
Shell Oil Co.			452				452		
MELSTONE									
Trucks	753		6,855			6,227			1,381
MOSSER									
Trucks			828			828			
PENNEL									
Trucks			2,084				2,084		
PONDERA									
Phillips Petroleum Co.	36,858	61,563			(688)	65,295			33,814
POPLAR									
East Poplar Gathering Sys.	7,149	180,031			203		179,472		7,505
Trucks			48,427				48,427		
	7,149	180,031	48,427		203		227,899		7,505
NORTHWEST POPLAR									
Trucks			2,629				2,629		
RAGGED POINT									
Trucks	822		1,863			1,600			1,085
REAGAN									
Union Oil Co.		19,339				19,339			
RICHEY									
Shell Oil Co.			18,228		377	17,851			
SOUTHWEST RICHEY									
Shell Oil Co.			8,911		27	8,884			
SOAP CREEK									
Trucks			10,616				10,616		
SWEETGRASS HILLS									
Homestake Oil & Gas Co.	3,902	1,852		9,112		13,462			1,404
Western Natural Gas Co.	494	9,297			77			9,112	602
Trucks			170			170			
	4,396	11,149	170	9,112	77	13,632		9,112	2,006
SUMATRA									
Trucks			123,337		319	123,018			
WIBAUX									
Trucks			423				423		
YELLOWSTONE									
Trucks			427			427			
TOTALS	323,725	1,046,592	281,178	120,212	4,666	966,960	411,229	120,212	268,640

BARRELS OF CRUDE OIL REFINED IN MONTANA

Month of August, 1955

FIELDS	Big West Oil Co.	Carter Oil Co.	Continental Oil Co.	Diamond Asph. Co.	Farmers Union	Jet Fuel Refinery	Phil. Pet Co.	The Texas Co.	Union Oil Co.	Total by Fields
Big Wall	.....	15,415	.....	.....	.....	.....	.....	.....	.....	15,415
Border	.....	.....	.....	.....	.....	.....	.....	1,878	.....	1,878
Bowes	.....	.....	.....	22,924	.....	.....	.....	.....	.....	22,924
Brady-Midway	.....	.....	.....	.....	.....	.....	382	.....	.....	382
Cabin Creek	.....	.....	28,949	.....	.....	.....	.....	.....	.....	28,949
Cat Creek	.....	.....	12,132	.....	.....	2,432	.....	.....	.....	14,564
Cut Bank	9,049	.....	.....	.....	.....	.....	21,814	171,211	95,610	297,684
Dry Creek	.....	.....	.....	.....	18,183	.....	.....	.....	.....	18,183
Elk Basin	.....	77,573	34,609	.....	.....	.....	.....	.....	.....	112,182
Gage	.....	.....	.....	.....	368	.....	.....	.....	.....	368
Gas City	.....	.....	2,964	.....	.....	.....	.....	.....	.....	2,964
Glendive Area	.....	.....	470	.....	57,173	.....	.....	.....	.....	57,643
Ivanhoe Dome	.....	.....	.....	.....	2,486	.....	.....	.....	.....	2,486
Kevin-Sunburst	61,439	.....	.....	.....	.....	.....	.....	62,080	.....	123,519
Melstone	.....	.....	.....	.....	6,232	.....	.....	.....	.....	6,232
Mosser	.....	.....	.....	.....	828	.....	.....	.....	.....	828
Pine Unit	.....	.....	51,924	.....	.....	.....	.....	.....	.....	51,924
Pondera	.....	.....	.....	.....	.....	.....	64,642	.....	.....	64,642
Ragged Point	.....	1,600	.....	.....	.....	.....	.....	.....	.....	1,600
Reagan	.....	.....	.....	.....	.....	.....	.....	.....	19,339	19,339
Richey	.....	.....	17,851	.....	.....	.....	.....	.....	.....	17,851
Southwest Richey	.....	.....	8,884	.....	.....	.....	.....	.....	.....	8,884
Sumatra	.....	76,212	2,402	.....	55,227	.....	.....	.....	.....	133,841
Sweetgrass Hills	170	.....	.....	.....	.....	.....	.....	14,852	868	15,890
Yellowstone	.....	.....	.....	.....	427	.....	.....	.....	.....	427
TOTAL MONTANA OIL	70,658	170,800	160,185	22,924	140,924	2,432	86,838	250,021	115,817	1,020,599
South Dakota Oil, Imported	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wyoming Oil, Imported	.....	560,430	176,533	.....	364,377	.....	.....	.....	.....	1,101,340
TOTAL MONTANA, SOUTH DAKOTA and WYOMING OIL	70,658	731,230	336,718	22,924	505,301	2,482	86,838	250,021	115,817	2,121,939

AVERAGE BARRELS PER DAY

	Montana	So. Dakota	Wyoming	TOTAL
Year, 1954	24,752	25	29,768	54,545
August, 1954	28,330	37	33,305	61,672
August, 1955	32,923	—	35,527	68,450

PERCENTAGE OF CRUDE REFINED

Montana	So. Dakota	Wyoming
45.37%	.06%	54.57%
45.93%	.06%	54.01%
48.10%	.....	51.90%